

Faculty of Engineering & Technology
Elective 6 \ Urban Upgrading & Management

Information :

Course Code : ARC E06 **Level :** Undergraduate **Course Hours :** 3.00- Hours

Department : Department of Architectural Engineering

Instructor Information :

| Title | Name | Office hours |
|--------------------|-----------------------------------|--------------|
| Professor | YEHYA MOHAMED MOHAMED SERAG | 7 |
| Assistant Lecturer | AYA TAREK IBRAHEM ABDELHADY AHMED | |

Area Of Study :

1. Understand what is meant by ghost towns and urban ghosts and their causes
2. Understand the causes leading to shrinking of cities and how to deal with them
3. Learn the concept of urban gaps in terms of vacant housing and misused lands
4. Understand what is meant by urban decay and how to ameliorate it.
5. Learn the meaning of Urbicide and the different post conflict reconstruction strategies.
6. Learn the different strategies of inner city regeneration and upgrading.
7. Understand the city management mechanism in Egypt, its positive aspects and drawbacks.

Description :

This course identifies the different challenges that might face cities and cause different symptoms of deterioration within. The course identifies diverse concepts that lead to deterioration and urban decay, as well as shrinkage of cities. The means of upgrading and revitalization of these cities are discussed explaining how the upgrading process is done in real life. An overview concerning how the city management is done in the administrative authorities in the cities of Egypt and how it should be done, is discussed as well.

Course outcomes :

a. Knowledge and Understanding: :

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| 1 - | Identify the Ghost towns, shrinking cities and urban decay |
| 2 - | Illustrate the causes that led to the urban decay and decline |
| 3 - | Propose the suitable intervention actions to resolve problems. |
| 4 - | Investigate conventional approaches of urban regeneration and upgrading |
| 5 - | Define the meaning of Urbicide and post conflict reconstruction |
| 6 - | Explain the city management mechanism in Egypt. |

b. Intellectual Skills: :

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| 1 - | b.1. Compare between a vibrant city and a decaying city |
| 2 - | b.2. Propose solutions to the inner city decay problems. |
| 3 - | b.3. Formulate possible scenarios for post conflict reconstruction |
| 4 - | b.4. Deduce the drawbacks within the city management system. |

c. Professional and Practical Skills: :

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| 1 - | c1. Use proper presentation techniques for his/her final proposal. |
| 2 - | c2. Propose realistic strategies for upgrading and reconstruction of cities. |
| 3 - | c3. Identify the related stakeholders in the upgrading projects. |
| 4 - | c4. Apply the learned elements on realistic projects. |

d. General and Transferable Skills: :

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| 1 - | d1. Expressing his/her ideas by visual, graphic, written and verbal means |
| 2 - | d2. Discuss and defend his/her ideas. |
| 3 - | d3. Managing time and meet deadlines. |

Course Topic And Contents :

| Topic | No. of hours | Lecture | Tutorial / Practical |
|---|--------------|---------|----------------------|
| Introduction to the Course Raison d'être and Ghost Towns and Urban Ghosts | 4 | 2 | 2 |
| First assignment presentation: Examples on urban ghosts and Ghost towns | 4 | 2 | 2 |
| Shrinking cities and how to deal with them | 4 | 2 | 2 |
| Second assignment presentation: Examples on Shrinking cities | 4 | 2 | 2 |
| Urbicide and the deliberate destruction of cities | 4 | 2 | 2 |
| Post-conflict reconstruction strategies and their implementation | 4 | 2 | 2 |
| Urban Gaps in Egyptian cities | 4 | 2 | 2 |
| Urban Decay and core city deterioration | 4 | 2 | 2 |
| Midterm presentations: on related issues | 4 | 2 | 2 |
| How to deal with urban decay? | 4 | 2 | 2 |
| Gentrification and reverse gentrification Inner city regeneration strategies | 4 | 2 | 2 |
| City Management in Egypt, a critical review Development projects in Egypt between planning and implementation. | 4 | 2 | 2 |
| Final presentation and end work | 4 | 2 | 2 |

Teaching And Learning Methodologies :

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| Lecture |
| Public Group Discussion |
| Search for Data (Self-study) |
| Research Presentation |

Course Assessment :

| Methods of assessment | Relative weight % | Week No | Assess What |
|-----------------------|-------------------|---------|-------------|
| Assignments | 25.00 | | |
| First mid-term exam | 25.00 | | |
| participation | 10.00 | | |
| second mid-term | 25.00 | | |

Recommended books :

- "Govia, A. , Abandoned Planet, Carpet bombing culture, 2014
- "Roberts, P. & Sykes, H.: Urban Regeneration, Sage publications, 2016.
- "Arwwod, J., Urban Planning after war, disaster and disintegration: Case studies, Cambridge scholars publishing, 2010.
- "Abujidi, N., Urbicide in Palestine: Space of oppression and resilience, Taylor and Francis, 2014.

Periodicals :

- <http://www.urbanghostsmedia.com>
- <http://www.shrinkingcities.com/>
- <http://urban-regeneration.worldbank.org/>

Web Sites :

- <http://www.urbanghostsmedia.com>
- <http://www.shrinkingcities.com/>
- <http://urban-regeneration.worldbank.org/>